

21386

Neutron activation of the ...

P/046/61/006/005/002/002  
D219/D304

ASSOCIATION: Polish Academy of Sciences, Institute of Nuclear Research, Warsaw. Reactor Engineering Department

SUBMITTED: March, 1961

Table I

## Activation of Stainless Steel Components

| Element | Content in steel per cent | Active isotope    | Natural abundance per cent | Activation cross section barn | Period | Activity vs. exposure and decay time ( $t_e, t_d$ ) |                      |                      |                      |                      |
|---------|---------------------------|-------------------|----------------------------|-------------------------------|--------|---|----------------------|----------------------|----------------------|----------------------|
|         |                           |                   |                            |                               |        | (100h, 0d)  | (100h, 1d)           | (250d, 0d)           | (250d, 1d)           | (250d, 30d)          |
| Co      | 0.05                      | $^{59}\text{Co}$  | 100                        | 20 + 16 ( $^{60}\text{Co}$ )  | 5.28 y | $4.6 \times 10^{-5}$                                | $4.6 \times 10^{-5}$ | $2.6 \times 10^{-3}$ | $2.6 \times 10^{-3}$ | $2.6 \times 10^{-3}$ |
|         |                           |                   |                            | 16 (60 m Co)                  | 10.4 m | $1.4 \times 10^{-1}$                                | 0                    | $1.4 \times 10^{-1}$ | 0                    | 0                    |
| Ta      | 0.1                       | $^{181}\text{Ta}$ | 100                        | 19                            | 111 d  | $2.7 \times 10^{-4}$                                | $2.7 \times 10^{-4}$ | $8.2 \times 10^{-3}$ | $8.2 \times 10^{-3}$ | $6.8 \times 10^{-3}$ |
| Mn      | 2.0                       | $^{55}\text{Mn}$  | 100                        | 13.3                          | 2.58 h | $4.8 \times 10^{-1}$                                | $9.6 \times 10^{-6}$ | $4.8 \times 10^{-1}$ | $9.6 \times 10^{-4}$ | 0                    |
| As      | 0.05                      | $^{75}\text{As}$  | 100                        | 5.4                           | 27 h   | $3.4 \times 10^{-3}$                                | $1.8 \times 10^{-3}$ | $3.6 \times 10^{-1}$ | $1.9 \times 10^{-3}$ | 0                    |

Card 5/8

BOUZYK, Jacek; DABEK, Waclaw; DABROWSKI, Cyryl; JOZEFOWICZ, Krystyna;  
KOZMINSKI, Jerzy; SUWALSKI, Witold; TOPA, Jerzy; WEISS, Zbigniew

Experimental analysis of the use of the Ewa reactor to some pile-  
oscillator measurements. Nukleonika 6 no.11:717-734 '61.

1. Polish Academy of Sciences, Institute of Nuclear Research, Reactor  
Engineering Department, Warsaw.

(Nuclear reactors)

"APPROVED FOR RELEASE: 08/10/2001

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CIA-RDP86-00513R000619710011-5"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619710011-5

Card 3/7

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619710011-5"

WYSOCKA, Felicja; ZWIĘKZ, Józef; JOZEFOWICZ, Lechosław; MIRESTA, Ludwik

Studies on swamp fever in the Lublin region. Przegl. epidem.,  
Warsz. 10 no.1:33-40 1956.

1. Z Instytutu Med. Pracy i Hig. Wsi w Lublinie, z Pracowni  
Leptospiroz P. I. W. w Wroclawiu i Wojew. Stacji San. -Epid.  
Wx w Lublinie.

(LEPTOSPIROSIS, epidemiology,  
in Poland, swamp fever. (Pol))

GAWRONOWA, Helena; SIKORSKA, Jadwiga; JOZEFOWICZ, Lechoslaw

Description of an epidemic of paratyphoid B in a locality of Lublin province with reference to phage typing of isolated microorganism. Przegl. epidem., Warsz. 10 no.4:307-311 1956.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Lublinie  
Dyrektor: dr. Cz. Horoch.  
(PARATYPHOID FEVERS, epidemiol.  
B, in Poland (Pol))

JOZEFOWICZ, M.

TECHNOLOGY

Periodicals: PRZEGLAD TECHNICZNY. Vol. 79, no. 22, Nov, 1958

JOZEFOWICZ, M. Conference of the Workers Self-Government, the factory committee, and scientific-technical associations; a voice in a discussion on the draft of the law on the workers' self-government. p. 1056.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

JOZEFOWICZ, Włodzimiera

Attempt for the evaluation of quick-drying resins as modelling material. Czas. stomat. 18 no.10: 1241-1245 0 '65.

1. Z Zakladu Protetyki Stomatologicznej AM w Łodzi (Kierownik: doc. T. Jedrzejewski).

|            |     |   |
|------------|-----|---|
| COUNTRY    | :   | POLAND  |
| CATEGORY   | :   | H-25  |
| ABS. JOUR. | :   | RZKhim., No. 1959, No. 73157  |
| AUTHOR     | :   | Jozefowicz, W.  |
| INST.      | :   |   |
| TITLE      | :   | Use of Fast Polymerizing Acrylic Mixes as Impression Taking Material in Making Dental Inlays  |
| ORIG. PUB. | :   | Czasop. stomatol., 1958, 11, No 8, 519-522  |
| ABSTRACT   | :   | In making the inlays, a ring of fast polymerizing acrylic mix is placed on the root of the tooth to get the impression of the lower (supporting) surface of the tooth. The remaining portion of the tooth is made from ordinary, slowly polymerizing, acrylic mix, which is tinted to match the natural color of the teeth. This method facilitates making of inlays, requires no impressions made in cement or plaster, ensures good adherence of inlay to the root, and can be used even if the root is extensively damaged. -- L. Popov. |
| CARD:      | 1/1 |   |

JOZER, N.

POLAND / Analytical Chemistry. Analysis of  
Inorganic Properties.

E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64184

Author : Deren Jerzy, Haber Jerzy, Nedoma Jozef  
Inst : Not given

Title : A Quick Method of Determining Calcium and Mag-  
nesium in Limestones and Dolomites by Means  
of Complex III.

Orig Pub: Chem. anal., 1957, 2, No 1, 3-10

Abstract: Describes the complex metrical method of deter-  
mining Ca and Mg without preliminary separation  
from other elements. Into a 15 ml capacity  
beaker ~0.25 g samples are placed, wetted with

Card 1/3

POLAND / Analytical Chemistry. Analysis of  
Inorganic Properties.

E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64184

Abstract: water and treated with 15 ml HCl (1:1). In one hour the solution together with the sediment is transferred into a measured retort of 250 ml capacity and diluted up to a mark with water. For the determination of Ca, 20 ml of the solution obtained is withdrawn, 30 ml of water and 3 ml of a 20% solution of NaOH is added, and 0.01 M titrated with a solution of complex III in the presence of murexide. For the determination of the amount of Ca+Mg, 20 ml of the original solution is again withdrawn, 30 ml of water and 2 ml of a buffer solution (67.5 g NH<sub>4</sub>Cl and 570 ml of concentrated NH<sub>4</sub>OH in 1 l of solution), titrated with a 0.01 M solution of complex III in the presence of eriochromium iron T. The

Card 2/3

SOLC, J.; JOZIFEK, A.; SOLC, Ivan

Simple evaluation of film X-ray dosimeters. Jemna mech  
opt 9 no.4;120 '64.

JOZIFEK, S.

JOZIFEK, S.

Mechanization of welding. p. 94 (Mechanisace, Praha, Vol. 2, no. 2/3, Feb./Mar. 1953)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6,  
June 1955, Uncl.

JOZIFEK, Vitezslav (Praha)

Modernization in teaching geometry. Fakroky mat fyz astr 8 no.5:275-  
282 '63.

ŠAĆIĆ, F.; FEJFAROVA, M.; HLAVOVA, A.; with the technical assistance of  
JOZIFKOVA, B.; VOJTOVA, M.

Experimental pulmonary edema produced by alloxan. III. Haemodynamic  
and respiratory changes in vagotomised dogs. *Cor Vasa* 4 no.1:42-52  
'62.

1. Institute for Cardiovascular Research, Prague.  
(PULMONARY EDEMA exper) (ALLOXAN toxicol)  
(VAGOTOMY exper) (RESPIRATION physiol)  
(BLOOD CIRCULATION physiol)

JOZIKOWSKI, A.

JOZIKOWSKI, A.

Participation of Poles in the October Revolution.

p. 3 (Rocznik Rolnictwo) Vol. 8, No. 43, Oct. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

JOZKIEWICZ, S.

JERZYKOWSKI, T.; JOZKIEWICZ, S.; SPETT, K.

New rapid photometric method of determination of carbon monoxide  
in the hemoglobin. Med. pracy 5 no.3:175-185 1954.

1. Z Sekcji Toksykologicznej Instytutu Medycyny Pracy w Zabrsu-  
Rokitnicy. Kierownik: doc. dr S. Jozkiewicz.  
(BLOOD,

carbon monoxide, photometry)  
(CARBON MONOXIDE, in blood,  
determ., photometry)

WIDIMSKY, J.; KASALICKY, J.; DEJDAR, R.; ZAJIC, F. Technical assistance:  
VALOVA, E.; JOZIFKOVA, B.; TROUSIL, V.

Central haemodynamics during muscular exercise in subjects  
with normal heart and lungs. Cor vasa 7 no.2:143-149 '65

1. Institute for Cardiovascular Research, Czechoslovakia.

ca Jozkiewicz, S.

11C

Bacteriochlorophyll. Stanislaw Jozkiewicz (Univ. Wroclaw, Poland). [undated] 22 pgs. 217-22 (1981). A review with 11 references. Adon Spatzyski

1961

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ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 7-4-2011 BY SP/SP

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CIA-RDP86-00513R000619710011-5"

~~Evolution of aromatic nitro compounds in pyridine base~~

~~tion by hydrogen sulfide. Stanislaw Jasklewicz and Henryk Kuczyński (Acad. Mcl., Koszalin, Poland; Zeszyty Nauk. Politech. Wrocław, No. 4, Chem. No. 1, 5-14 (1954) (English summary).—Nitrobenzene and its derivs., and  $\alpha$ -nitronaphthalene when reduced by  $H_2S$  in pyridine at 0° yielded amines and also a considerable amt. of azoxy compds. The reduction was carried out by the method of Brady, *et al.*, C.A. 24, 569), except that the reaction temp. was 0°. This increased substantially the yield of azoxy compds. They constituted even the main product (over 50%) when 2,4- and 2,6-dinitrotoluene and 4,6-dinitro-*m*-xylene were reduced.  $H_2S$  was at the same time oxidized to S. The above behavior is caused by the specific role of pyridine which accelerates the condensation reaction between the intermediate products, i.e., between nitroso compds. (I) and phenylhydroxylamines (II). This was proved experimentally by condensing I and II in pyridine. The final products, i.e., the amines and azoxy compds, can easily be obtained in a pure form. It was also found that reduction of nitrobenzene with  $H_2S$  in pyridine at 140-50° and 10 atm. pressure yielded 92.5% aniline. The amt. of raw materials used was: 61.5 parts nitrobenzene, 310 parts pyridine, and 15 ml. water; the time of reduction was 4.5 hrs. When aniline was used as solvent, the reduction of nitrobenzene with  $H_2S$  produced a substantial amt. of tarry substances which were only slightly sol. in org. solvents; the yield of aniline was nil and even part of the solvent was consumed.~~

H. J. Hendel

JOZEKIE WICE, STANISLAW

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36147.

Author : Jozkiewicz, Stanislaw

Inst : Not given.

Title : Reduction of Aromatic Nitro-compounds with Hydrogen Sulfide in the Pyridin Solution.

Orig Pub: Prace Wrocl. Towarz. Nauk., 1956, B, No 73, 5-47

Abstract: Reduction of aromatic nitro-compounds with  $H_2S$  in  $C_5H_5N$  (I) was investigated. The reaction mechanism and the role of I were reviewed. It was established that in the reduction of m-dinitrobenzene (II) in I m-nitroaniline (III) and 3, 3'-dinitroazoxybenzene (IV) are formed. Effects of temperature, pressure and reaction time on the yield of III and IV were studied.

Card : 1/5

POLAND/Organic Chemistry APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619710011-5

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36147.

Yields of azoxy-compounds (AOC) increase with decreased reaction temperature. A modified method for determining the reaction velocity constants of azoxycondensation (AOK) in I was developed. It was found that the rate of azoxybenzene (V) formation in I is 8 times greater than it is in alcohol. The rate of AOK in I decreases but slightly with the increase in temperature. Addition of water to I increases the rate of AOK, while addition of alcohol decreases it. When I is saturated with  $H_2S$  prior to the reaction the yield of amines increases. The role and effect of the replacants on the quantity of AOC formed in I have not been determined. Lesser than the stoichiometric quantities of  $H_2S$  used resulted in the increased yield of AOC. With the increased quantities of  $H_2S$ , the quantities of amines formed also increases, while the

Card : 2/5

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur-Khimiya, No II, 1958, 36147.

dinitro-2,2'-dimethyl-V were obtained from 2,6-dinitro-toluene. From 4,6-dinitro-m-xylene were obtained 32.7% of 4-nitro-6-amino-m-xylene and 56.2% of 5,5'-dinitro-2,4,2',4'-tetramethyl-V. From m-O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>COOCH<sub>3</sub> were obtained m-H<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>COOCH<sub>3</sub> (evolved in the chlorhydrate with 60.8% yield) and 24.3% of 3,3'-dicarbometoxi-V. From  $\alpha$ -nitronaphthalene were obtained 65.2% of  $\alpha$ -naphthalamine chlorhydrate and 10.5% of 1,1'-azoxinaphthalene. In the reduction of AOC conducted under the described conditions, the reaction products were only isolated.

Card : 5/5

JOZKIEWICZ, St.

Effect of ultrasonics on biochemical changes. I. Effect of ultrasonics on catalase. Acta physiol. polon. 8 no.3:362-364 1957.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A. M. w Rokitnicy. Kierownik:  
doc. dr S. Jazkiewicz.

(CATALASE,

aff. of ultrasonics (Pol))  
(ULTRASONICS, effects,  
on catalase (Pol))

Country : Poland  
Category : H-17  
Abs. Jour. : 39661  
Author : Elbowicz, Z., Jozkiewicz, S., and Waronski, W.  
Institut. : Not given  
Title : Process for Obtaining Vitamin B-12 Concentrate from  
Activated Municipal Sewage Sludge  
Orig Pub. : Acta Polon Pharmac, 15, No 5, 345-351 (1957)  
Abstract : The process consists in the extraction of the growth  
factors with acetate buffer solution, followed by  
treatment with appropriate solvents. The vitamin  
content in the concentrate is determined by micro-  
biologic assay and by microbiologic-chromatographic  
methods, using Escherichia coli. The bibliography  
lists 28 titles.

A. Vavilova

Card: 1/1

JOZKIEWICZ, STANISLAW.

SCIENCE

JOZKIEWICZ, STANISLAW. *Chemia fizjologiczna.* Wyd. 4., przejrz. Warszawa,  
Panstwowy Zaklad Wydawn. Lekarskich. Vol. 1. 1958.  
DNLM Not in DLC

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4  
April 1959, Unclass.

JOZKIEWICZ, S.

Has uric acid participated in the biological evolution of animals. p. 290.

WSZECHSWIAT. (Polskie Towarzystwo Przyrodnikow im. Kopernika)  
Warszawa, Poland.  
No. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

JOZKIEWICZ, S.

Inhibiting effects of ultrasonic fields with the frequency of 880 kHz on succinic dehydrogenase activity. Acta physiol. polon. 10 no. 6:721-728 N-D '59.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A.M. w Zabrze-Rokitnicy. Kierownik: doc.dr S. Jozkiewicz.  
(SUCCINIC DEHYDROGENASE chem.)  
(ULTRASONICS eff.)

BAHYRYCZ-LUDEROWA, Maria; BIELECKA, Wieslawa; JOZKIEWICZ, Stanislaw; RYBICKI, Krystian

Effect of edathamil disodium on experimental steatosis of liver & blood vessels. Polski tygod. lek. 14 no.9:381-385 2 Mar 59.

I. Z Zakladu Chemii Fizjologicznej Slaskiej Akademii Medycznej w Rokitnicy kierownik Zakladu: doc. dr Stanislaw Jozkiewicz) Adres: Zabrze 8 (Rokitnica) Zaklad Chemii Fizjolog. Sl. A.M.

(EDATHAMIL, eff.

edathamil disodium on exper. fatty liver & fatty degen. of blood vessels (Pol))

(FATTY LIVER, exper.

eff. of edathamil disodium (Pol))

(BLOOD VESSELS, pathol. fatty degen. (Pol))

GRZESIK, J.; JOZKIEWICZ, S.; PUCHALIK, M.; STANOSZEK, J.

Studies on the effect of sonic and ultrasonic fields on biochemical processes. I. Effect on glucose and pyruvic acid levels in the blood and on the value of surface tension of the blood serum in guinea pigs. Acta physiol. polon. 11 no. 2:223-230 Mr-Ap '60.

1. Z Instytutu Medycyny Pracy w Przemyśle Węglowym i Hutańczym w Zabrzu-Rokitnicy, Dyrektor: prof. dr B. Nowakowski; Z Zakładu Chemii Fizjologicznej Śląskiej A. M. w Zabrzu-Rokitnicy; Kierownik: doc. dr S. Jozkiewicz; Z Zakładu Fizyki Lekarskiej Śląskiej A. M. w Zabrzu-Rokitnicy, Kierownik: prof. dr M. Puchalik.

(SOUND)

(ULTRASONICS)

(BLOOD SUGAR)

(PYRUVATE blood)

(BLOOD)

JOZKIEWICZ, S.; STANOSIK, J.; PUCHALIK, M.; GRZESIK, J.

Studies on the effect of sonic and ultrasonic fields on biochemical processes. IX. Effect on total lipid, lipoprotein and protein and protein-fraction levels in the blood of guinea pigs. Acta physiol. polon. no.2:231-236 Mr-Ap '60.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A. M. w Zabrsu-Rokitnicy, Kierownik: doc. dr S. Jozkiewicz; Z Zakladu Fizyki Lekarskiej Slaskiej A. M. w Zabrsu-Rokitnicy, Kierownik: prof. dr M. Puchalik; Z Instytutu Medycyny Pracy w Przemyśle Węglowym i Hutniczym w Zabrsu-Rokitnicy, Dyrektor: prof. dr B. Nowakowski.

(SOUND)

(ULTRASONICS)

(LIPIDS blood)

(LIPOPROTEINS blood)

(BLOOD PROTEINS)

ELBOWICZ-WANIEWSKA, Zdzisława; JÓZKIEWICZ, Stanisław

Effect of ultrasonics on the stability of a complex of murexide with calcium ions. Acta physiol. polon. 11 no. 4: 607-614 '60.

1. Z Zakładu Chemii Fizjologicznej Śląskiej A.M. w Zabrze-Rokitnicy

Kierownik: doc.dr. S. Józiewicz.

(DYES chem)

(ULTRASONICS)

(CALCIUM chem)

JOZKIEWICZ, Stanislaw, doc. dr.

Ultrasonic waves in biology and medicine. Wiad chem 14 no.1:  
39-63 Ja '60.

1. Kierownik Zakladu Chemii Fizjologicznej, Slaska Akademia  
Medyczna, Zabrze-Rokitnica.

JOZKIEWICZ, Stanislaw; KRAUSE, Mieczyslaw

Catecholamines in the nervous system. Postepy biochem 7 no.2:207-222  
'61.

(NERVOUS SYSTEM physiol)  
(CATECHOLAMINES physiol)

I 654-64

ACCESSION NR: AT3007676

P/2518/61/008/003/0183/0188

XG

AUTHOR: Grabecki, Jerzy; Jozkiewicz, Stanislaw; Urbanowicz, Henryk

TITLE: Effect of an ultrasonic field on some mineral constituents in serum of guinea pigs

SOURCE: Poznanskie Towarzystwo Przyjaciol Nauk, Komisja matematyczno-przyrodnicza. Prace, v. 8, no. 3, 1961. Postepy akustyki, v. 3, 183-188

TOPIC TAGS: ultrasonic field, ultrasonic biological effect, ultrasonic blood serum effect, serum sodium content, serum potassium content, phosphorous level

ABSTRACT: Guinea pigs were exposed to an ultrasonic field set up by a piezoelectric generator with a frequency of 1000 kc for 5 min per diem for seven consecutive days. Blood samples were taken from the exposed animals 24 hr after the last exposure and analyzed for sodium, potassium, and inorganic phosphorous levels in the blood serum. No significant changes were found in the experimental animals

Card 1/2

L 654-64

ACCESSION NR: AT3007676

as compared to the controls. Orig. art. has; 4 tables.

ASSOCIATION: Zaklad Chemii Fizjologicznej, Slaskiej Akademii  
Medycznej im. L. Waryńskiego (Institute of Physiological Chemistry,  
Silesian Medical Academy im. L. Waryński)

SUBMITTED: 00 DATE ACQ: 22Jul63 ENCL: 00

SUB CODE: AM NO REF Sov: 000 OTHER: 017

Card 2/2

CYGAN, Zbigniew; JOZKIEWICZ, Stanislaw; WARONSKI, Włodzimierz

Effect of liver extract "hepafort" on cholesterol metabolism  
in experimental atherosclerosis in pigeons. Pat.polska 12 no.1:  
33-39 '61.

1. Z Zakladu Chemii Fizjologicznej Sl. A.M. w Pokitnicy Kierownik:  
doc. dr Stanislaw Jozkiewicz.  
(LIVER EXTRACTS pharmacol) (CHOLESTEROL metab)  
(ARTERIOSCLEROSIS exper)

GRZESIK, Jan; JOZKIEWICZ, Stanislaw; PUCHALIK, Marian; STANOSEK, Jozef.

Studies on the effect of acoustic and ultra-acoustic fields on biochemical processes. III. Effect on glutamic-oxalic transaminase and aldolase activity on the blood serum in guinea pigs. Acta physiol pol 12 no.1:129-132 '61.

1. Z Instytutu Medycyny Pracy w Przemyśle Węglowym i Hutniczym w Zabrzu-Rokitnicy Dyrektor: prof. dr B. Nowakowski Z Zakładu Chemii Fizjologicznej Śląskiej Akademii Medycznej w Zabrzu-Rokitnicy Kierownik: doc. dr S. Jozkiewicz Z Zakładu Fizyki Lekarskiej Śląskiej Akademii Medycznej Kierownik: prof. dr. M. Puchalik.  
(ALDOLASE blood) (TRANSAMINASES blood)  
(SOUNDS) (ULTRASONIC)

JOZKIEWICZ, Stanislaw; KRAUSE, Mieczyslaw

Studies on the effect of sonic and ultrasonic fields on biochemical processes. IV. Effect of cholinesterase activity in the erythrocytes and blood serum. Acta physiol pol 12 no.2:291-294 '61.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A.M. w Zabrze-Rokitnicy  
Kierownik: doc. dr S. Jozkiewicz z Zakladu Fizjologii Slaskiej A.M.  
w Zabrze-Rokitnicy p.o. Kierownika: dr M. Krause.  
(CHOLINESTERASE blood) (ERYTHROCYTES chem)  
(ULTRASONICS) (SOUND)

10.7400

S/124/63/000/001/040/080  
D234/D308

AUTHORS:

Golecki, Józef and Józkiewicz, Stefan

TITLE:

Distribution of displacement and stresses near two vertical breaks

PERIODICAL:

Referativnyy zhurnal, Mekhanika, no. 1, 1963, 7,  
abstract 1V41 (Arch. górn. 1962, v. 7, no. 1, 27-48  
(Pol.: summaries in Rus. and Ger.))

TEXT: The author gives a solution of the second basic problem of the theory of elasticity for a half plane ( $y > 0$ ) with the following boundary conditions:

$$u \Big|_{y=0} = 0, \quad v \Big|_{y=0} = \begin{cases} v_0 = \text{const}, & |x| < t \\ 0, & |x| > t \end{cases}$$

Many numerical results are given.

[Abstracter's note: Complete translation]

Card 1/1

GOLECKI, Jozef; JOZKIEWICZ, Stefan

Distribution of displacements and stresses in the neighborhood of a vertical fault. Gornictwo Krakow no. 9:5-15 '63.

I. Katedra Maszyn Hutniczych i Katedra Mechaniki Gorniczej,  
Akademia Gorniczo-Hutnicza, Krakow.

GOLECKI, Jozef, doc. dr. inz.; JOZKIEWICZ, Stefan, mgr. inz.

Influence of underground mining on the deformations of the  
rocks in the light of the theory of elasticity. Przegl  
gorn 19 no.6:253-258 Je '63.

JOZKIEWICZ, Stefan

Equilibrium state of rocks in the vicinity of normal  
leaps according to the theory of elasticity. Archiw  
gorn 9 no.1:25-42 '64.

JOZKIEWICZ, Stefan

Distribution of displacements and stresses in the vicinity of one  
normal fault. Archiw gorn 9 no.4:349-359 1964.

1. Submitted September 18, 1963.

PALUSKA, E.; ZMESKALOVA, D.; JOZOVA, O.; LIVORA, J.

Immunologic response to the administration of Czechoslovak modified beef serum to man. Cas. lek. cesk. 104 no.15:412-415  
16 AP'65.

1. Ustav hematologie a krevni transfuze v Praze (reditel: prof.  
dr. J. Horejsi, DrSc.).

JOZSA, A.

Ureter duplex with a cul-de-sac. Acta chir. Acad. Sci. Hung. 3 no.2/3:  
173-175 '62.

1. Urologische Abteilung (Chefarzt: Dr. A. Simonyi) des Landesinstitutes  
für Rheumatologie und Balneologie, Budapest.  
(URETER abnorm)

HUNGARY

JOZSA, Adrian, Dr., KOLBENHEYER, Zoltan, Dr; National Institute for Rheumatism and Balneology, Department of Urology (Orszagos Rheuma es Furdoegyi Intezet, Urologiai Osztaly) (chief physician:SIMONYI, Attila, Dr.).

"Clinical Pathology of the Necrotic Inflammation of Kidney Pelvis Leukoplakia."

Budapest, Magyar Sebeszet, Vol XVI, No 2, May 1963, pages 125-129.

Abstract: [Authors' German summary] The cases presented are of clinical and literary significance. In the first of the cases, the kidney was retained during the first operation since it showed no significant changes. The mucosa of the pyelum showed macroscopic evidence of a chronic inflammation without an indication of leukoplakia. Therefore, only the tissue mass was removed and the kidney retained. During the second operation, the changes characteristic of chronic pyelonephritis were evident. Because of the advanced macroscopic picture of leukoplakia of the pyelum, removal of the kidney was indicated. The second case, presenting a similar picture, was solved by nephrectomy. 5 Western references.

1/1

JARAI, M.; JOZSA, G.; KOLLAR, J.

Biochemical studies on *streptomyces aureofaciens*. IV. Studies on the biosynthesis of chlortetracycline. *Acta microbiol. acad. sci. Hung.* 11 no. 3:203-210 '64/65

1. Microbiological and Biochemical Laboratories (Head: M. Jarai)  
Department of Antibiotics, Chinoim Chemical and Pharmaceutical Works, Budapest.

SELLERT, Jozsef; PENKOV, Ivan; KAMARAS, Laszlo; JOZSA, Gabor

Effect of the blood serum of cancer patients on the Paramecium caudatum EHRB. Annales biol Tihany 28:3-10 '61.

1. Biologial Kutatointezet, Tihany; Megyei Korhaz Sebeszeti Osztaly, Veszprem. 2. "Annales Instituti Biologici (Tihany) Hungaricae Academias Scientiarum" szerkeszto bizottsagi tagja (for Gellert).

L 15917-66 T JK

ACC NR: AP6008377

SOURCE CODE: HU/0028/64/011/003/0203/0210

AUTHOR: Jarai, Miklos (Head; Budapest); Josza, Gabor (Budapest); Kollar, Gyula (Budapest)

ORG: Microbiological and Biochemical Laboratories, Department of Antibiotics, Chinoim Chemical and Pharmaceutical Works, Budapest (Chinoim Gyogyiszergyakozati Gyar, Antibiotikum Osztaly, Mikrobiologial es Biokemial Laboratorium)

TITLE: Biochemical studies on streptomyces lurefaciens IV. Studies on the biosynthesis of chlortetracycline

SOURCE: Academia scientiarum hungaricae. Acta microbiologica. v. 11, no. 3, 1964, 203-210

TOPIC TAGS: biosynthesis, bacteria, bacteriology, streptomycin, carbon, chlorine, tracer study, plant metabolism

ABSTRACT: It was shown by the use of C<sup>14</sup> and Cl<sup>36</sup> labelled compounds that, prior to incorporation into chlortetracycline, the chlorine of organic substances is converted into chloride. This is also valid for chlorpropandiol which, however, was not utilised in the synthesis of chlortetracycline, in fermentations carried out

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L 15917-66

ACC NR: AP6008377

with the tetracycline-producing strain CDSD-314. This led to the conclusion that chloropropanediol does not act as a direct precursor in chlortetracycline biosynthesis. Both strains used (B-28 and CDSD-314) were able to convert the chlorine of organic compounds into chloride. The findings support the assumption that 2,5-dimercapto-1,3,4-thiadiazole inhibits the first, oxidative stage of biochemical chlorination. The genetic block to chlorination in strain CDSD-314 is probably restricted to this first stage. A difference in the incorporation between C1 and C2 of the acetate indicated that C2 might take part as a C1 unit in this biosynthesis. Orig. art. has: 4 tables. (JPS)

SUB CODE: 06 / SUBM DATE: 31Jan64 / ORIG REF: 006 / OTH RSP: 018

jw

Card 2/2

FURESZ, Istvan, dr.; KUBINYINE-SCHWANNER, Marta, dr.; JOZSA, Gyorgy, dr.

Evaluation of laboratory data in chloramphenicol therapy of typhoid fever. Orv. hetil. 98 no.39:1073-1077 23 Sept 56.

1. Az Orszagos Kozegeszsegugyi Intezet (foigazgato: Tako, Jozsef, dr.)  
Bakteriologial Osztalyanak (osztalyvezeto: Furesz, Istvan, dr.)  
es a Laszlo Korhaz (igazgato: Ferencz, Pal, dr.) II. sz.  
Belosztalyanak (foorvos: Cseley, Jozsef, dr.) kozlemenye.

(TYPHOID FEVER, ther.

chloramphenicol, evaluation of eff. by laboratory tests (Hun))  
(CHLORAMPHENICOL, ther. use

typhoid fever, evaluation of eff. by laboratory tests (Hun))

HUNGARY/Microbiology - Microbes Pathogenic for Man and Animals.  
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99381

Author : Furesz, I., Kubinyi-Schwanner, M., Jozsa, G.

Inst : 1. Staatliches Institut fur Hygiene und Lasslo-Krankenhaus, Budapest.

Title : On the Evaluation of the Methods of Laboratory  
Diagnosis of Typhoid Fever in Patients Treated with  
Chloramphenicol

Orig Pub : Acta microbiol. Acad. sic. hung., 1957, 4, No 3, 253-  
262

Abstract : 57 typhoid patients treated with chloramphenicol (C)  
were under observation. Repeated seedings of the feces  
and blood were effected in each case and the Widal read-  
tion was performed with the use of "H" and "O" diagno-  
ticums. In patients treated with C the methods of

Card 1/2

- 66 -

JOZSA, Janos

Automatic circuits of television receiving sets. Raditechnika  
15 no.1:20-21 Ja '65.

JOZSA, Janos

Automatic devices in television sets. Radiotekhnika 15 no.7:  
266-268 Jl '65.

JOZSA, Laszlo, dr.; IKRENYI, Imre, dr.; LUSZTIG, Gabor, dr.

Primary liver cancer in a 6-month-old infant. Gyermekgyogyaszat 15 no.5:155-158 My'64

1. Bacs-Kiskun Megyei Tanaos, Korhaza, Kecskemet, Korbonc-tani osztalyanak es I. Gyer,ek osztalyanak kozlemenye.

\*

JOZSA, Lasslo, dr.

On the pathogenesis of malacoplakia. Magy. sebessnet 13 no. 6:406-410 D '60.

1. A Hajdu-Bihar Megyei Tanacs Korhaza Debrecen (Igazgato: Dr. Mayi Geza) Korbonctani Osztalyanak (Főorvos: Dr. Györgyi György) es a Bacs-Kiskun Megyei Tanacs Korhaza, Kecskemet (Igazgato: Dr. Strasser László) Korbonctani Osztalyanak (Főorvos: Dr. Luszting Gábor) közleménye.

(BLADDER dis)

JOZSA, Laszlo, dr.; STECZIK, Aurel, dr.; LUSZTIG, Gabor, dr.

Chordoma of the base of the brain with sudden death. Ideggyogy.  
szemle 14 no.7:220-222 Jl '61.

1. A kecskemeti Megyei Korhaz Korbonctani Osztalyanak es a Bacso-  
Kiskun megyei Rendororvosi Hivatalnak Kozlemenye.

(BRAIN NEOPLASMS) (CHORDOMA)

JOZSA, Laszlo, dr.; LORAND, Pal, dr.

Unusually large Wilms' tumor. Magy. sebeszet 14 no.4:233-236 Ag '61.

1. A Bacs-Kiskun Megyei Tanacs Korhaza, Kecskemet (Igazgato: Dr. Strasser Laszlo) Prosecturajanak (Foorvos: Dr. Lusztig Gabor) es Sebeszeti Osztalyanak (Foorvos: Dr. Kiss Dezsö) kozlemenye.

(WILMA TUMOR case reports)

JOZSA, Laszlo, dr.

A case of lipoma of the base of the brain. Ideggyogy. szemle 1/ no.11:  
338-340 N '61.

1. Debreceni Megyei Korhaz (Igazgato: Manyi Geza dr.) Korbonctani  
Osztalyanak (Foorvos: Gyori Gyorgy dr.) es a kecskemeti Megyei Korhaz  
(Igazgato: Takacs Sandor dr.) Korbonctani Osztalya (Foorvos: Lusztig  
Gabor dr.)

(BRAIN NEOPLASMS case reports)  
(LIPOMA case reports)

JÓZSA, László, dr.; GYÓRI, György, dr.; LUSZTIG, Gábor, dr.

The frequency of developmental abnormalities according to autopsy findings in Kecskemet and Debrecen regional hospitals. Gyermekgyógyászat 12 no.12:372-379 D '61.

1. A Kecskemeti Megyei Korhaz (Igazgató: Takács Sándor dr.) Korbonctani Osztályának (Főorvos: Lusztig Gábor dr.) és a Debreceni Megyei Korhaz Igazgató: Manyi Gyula dr.) Korbonctani Osztályának (Főorvos: Győri György dr.) kozlemenye.

(ABNORMALITIES statist)

HUNGARY

LUSZTIG, G.; JOZSA, L.; PERNECZKY, M.; SAJTOS, L.; PATAKY, J.; SZIKULAI, L.; Autopsy Room and II. Ward of Internal medicine of the Hospital of the Bacs-Kiskun Megye Council (Bacs-Kiskun Megyei Tanacs Korhaza, Prosectura, II. Belosztaly) and Kojal [Kozegeszsegugyi es Jarvanyugyi Allomas -- Public Health and Medical Clinic for Contagious Diseases] Laboratory (Kojal laboratorium), Kecskemet.

"Antiatherogenic Effect of Dextran and the Question of Its Mechanism of Action."

Budapest, Kiserletes Orvostudomany, Vol 14, No 5, Oct 62, pp 458-467.

Abstract: [Authors' German summary abridged] During dextran treatment the following changes were observed: the iodine number of the blood increased; the amount of urinary cholesterol dropped markedly; endogeneous heparin in the blood tripled but this effect was inhibited by protamine sulfate; 80 ml intravenous dextran mobilizes endogeneous heparin equivalent to about 100 mg of exogeneous heparin. [68 references, approximately half Hungarian, half Western.]

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HUNGARY

JOZSA, Laszlo; PERNECEKI, Maria; PATAKI, Jozsef; HONFI, Géza; LUKÁCS,  
Sácor; Autopsy Room of the Hospital of the Bacs-Kiskun Megye Council,  
Second Medical Ward and Ambulant Consultation (Bacs-Kiskun Megyei  
Tanacs Kórháza, II. Belosztalya és Rendelointezet)

"Investigation on the Histamine-Like Effect of Dextran."

Budapest, Magyar Orvostudomány, Vol XIV, No 6, 1962, pages 551-565.

Abstract: [Authors' summary] The authors investigated the histamine-like effect of dextran, they have not carried out any direct histamine determinations, however. Upon intravenous dextran infusion, a decrease of blood pressure, an increase of the cutaneous temperature and in some cases an improvement of the oscillometric values was observed. Subcutaneous administration of dextran leads to a local concentration of the intravenous congo red dye, the effect being similar to that of Peremin. It is suggested that dextran mobilizes histamine and the liberated histamine or histamine-like substance is responsible for the observed changes. The plasma of patients treated with dextran possesses a heparin-like "clearing effect" and the authors propose the possibility of an endogen heparin mobilization caused by dextran.

[About half of the 28 references are Soviet-bloc, the rest Western] —  
1/1

PATAKY, Jozsef, dr.; SZIKULAY, Lorant, dr.; SAJtos, Lajos; JOZSA, Laszlo, dr.;  
PERNECZKY, Maria, dr.; LUSZTIG, Gabor, dr.

Clinical observations on arteriosclerosis and its relation to the  
administration of dextran. Magy. Belorv. arch. 15 no.3:106-110  
Je '62.

1. Bacs-Kiskun Megyei Tanacs Korhaza II. Belosztalyanak es  
Prosecturajanak kozlemenye.  
(ARTERIOSCLEROSIS ther) (DEXTRAN ther)

PINTER, Sandor, dr.; JOZSA, Laszlo, dr.

Contribution on the clinical aspect, pathology and therapy of poisoning with yellow agaric (Lepiota helveola bresadola) and other phalloid typ, mushrooms. Magy. belorv. arch. 15 no.6:227-232 D '62.

1. A Bacs-Kiskun Megyei Tanacs Korhaza Kecskemet I. Belgyogyaszati Osztalyanak es Prosekturajanak kozlemenye.  
(MUSHROOMS) (FOOD POISONING) (CORTISONE) (VITAMINS)  
(POTASSIUM DEFICIENCY) (CHOLINE) (STROPHANTIN)  
(WATER-ELECTROLYTE BALANCE) (KIDNEY DISEASES)

KISS, Gyula, dr.; JOZSA, Laszlo, dr.; LUSZTIG, Gabor, dr.

Clinical and pathological data on primary tubal cancer. Magy. noorv.  
lap. 25 no.2:115-120 Mr '62.

1. A Bacs-Kiskun Megyei Tanacs Korhaza Kecskemet (Igangato: Strasser  
Laszlo dr.) Szuleszet-Nogyogyaszati Osztalyanak (Foorvos: Bacso Karoly  
dr.) es Prosekturajanak (Foorvos: Lusztig Gabor dr.) kozlemenye.

(FALLOPIAN TUBES neopl)

HUNGARY

LUSZTIG, Gabor, Dr, JOZSA, Laszlo, Dr; Hospital of the Megye Council of Bacs-Kiskun, Autopsy Room (Bacs-Kiskun Megyei Tanacs Korhaza, Prosectura), Kecskemet.

"A Case of Hemangioma of the Stomach."

Budapest, Magyar Sebeszet, Vol XVI, No 5, Oct 63, pages 313-315.

Abstract: [Authors' Hungarian summary modified] The authors describe a case of hemangioma of the stomach in a 41 year-old male patient. The analysis of the clinical data is followed by a description of the macro and microscopic findings on the tissue removed. The tissue, on histologic examination proved to be a hemangioma with partially capillary, partially cavernous exulceration. The case is reported because of its rarity. 1 Polish, 13 Western references.

1/1

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32

JOZSA, Laszlo; SZENDERKENYI, Gyula; PERNECKY, Maria; IUSZTIG, Gabor

Qualitative and quantitative changes in the mucopolysaccharide content of the aorta under the influence of thyrotropin. Kiserl. orvostud. 16 no.4:394-399 Ag '64.

1. Bacs-Kiskun Megyei Tanacs Korhaz Korbonctani es Korszovettani Osztalya Kecskemet.

L 37810-66

ACC NR: AP6028488

SOURCE CODE: HU/0018/65/017/006/0590/0595

AUTHOR: Josza, László—Josha, L.; Imre—Gabor—Justig, G.ORG: Department of Pathology, Bacs-Kiskun Megye Hospital, Kecskemét (Bacs-Kiskun  
Magyei Kórház, Körbonctani Osztály)

TITLE: Examination of the mucopolysaccharide content of the aortic wall in experimental hyperthyroidism and hypothyroidism

SOURCE: Kiselekes orvostudomány, v. 17, no. 6, 1965, 590-595

TOPIC TAGS: thyroid gland, hormone, drug effect, cardiovascular system, cardiology

ABSTRACT:

The effects of chemical thyroidectomy and of the administration of thyroid hormone on the mucopolysaccharide content of the aortic wall have been studied. The following was found. 1) Chemical thyroidectomy or the administration of thyroid hormone affects only slightly the glycoprotein content of the vascular wall; their effect is mainly manifested in changes in the acid mucopolysaccharide content. 2) In case of thyroid hormone treatment, primarily the hyaluronic acid as well as the heparin and heparitine content of the vascular wall is diminished; the least change is seen in the chondroitine sulfate content of the wall. 3) In the case of chemical thyroidectomy, all mucopolysaccharide fractions are elevated, most pronouncedly the hyaluronic acid. 4) As a result of these treatments, the acid and neutral mucopolysaccharide ratio is changed in the vascular wall. Orig. art. has: 1 table. [JPRS: 34,161]

SUB CODE: 06 / SUBM DATE: 20Jan65 / ORIG REF: 010 / OTH REF: 020

Card 1/1

09/7 5.50

HUNGARY

JOZSA, Laszlo, SZEDERKENYI, Gyula; Bacs-Kiskun Megye Council Hospital, Department of Pathological Anatomy and Pathohistology (Bacs-Kiskun Megyei Tanacs Korhaz, Korbonctani és Korszovettani Osztaly), Keoskomet.

"Mucopolysaccharide Content of the Human Aorta in Hypothyroidism."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4, Aug 66, pages 383-388.

**Abstract:** [Authors' Hungarian summary] The mucopolysaccharide content of the aorta was studied in hypothyroid subjects with and without atherosclerosis. The results are as follows. 1) In hypothyroidism, the chondroitin sulfate A + C, hyaluronic acid and heparin-heparitin content of the aortic wall is significantly higher than in euthyroid individuals. 2) The mucopolysaccharide content of the vascular wall is higher when arteriosclerosis and hypothyroidism are present jointly than in the healthy control aortas, although it is significantly lower than in the aorta of hypothyroid subjects free of atherosclerosis. 3) With development of the atherosclerosis, mainly the heparin-heparitin content of the vascular wall is decreased. 9 Eastern European, 26 Western references. [Manuscript received 23 Jul 65.]

1/1

L 37800-66

ACC NR: AP6028464

SOURCE CODE: HU/0018/66/000/003/0294/0299

10

B

AUTHOR: Lusztig, Gabor; Szabo, Zsuzsanna; Jozsa, Laszlo

ORG: Department of Pathological Anatomy and Pathohistology, Bacs-Kiskun County  
Council Hospital, Kecskemet (Bacs-Kiskun Megyei Tanacs Korhaz, Kordonctani  
Korszovettani Osztaly Laboratorium); Laboratory, Baco-Kiskun County Council Hospital  
(Bacs-Kiskun Megyei Tanacs Korhaz, Laboratorium)TITLE: Study of the anticoagulant and clearing-type effect of serum in experimental  
cholesterol sclerosis

SOURCE: Kiserletes orvostudomany, no. 3, 1966, 294-299

TOPIC TAGS: rabbit, coagulation, serum, blood chemistry, alcohol

ABSTRACT: In a continuation of earlier ob-  
servations, the following conclusions were reached. 1) In the course of  
cholesterol-feeding of rabbits, there is also mobilization of a presumably  
heparin-like substance which, however, can not prolong the recalcification  
time. 2) There is an increase in the clearing-type activity of the serum  
of cholesterol-fed rabbits which can definitely produce a temporary decrease  
in the turbidity of lipemic serum. 3) The increase in cholesterol administra-  
tion will increase the blood heparin content measured by the thrombin-in-  
activation method. The results are evaluated and the necessity of further  
studies on the subject is pointed out. It is thought that the results  
represent a confirmation of an earlier hypothesis by the authors, the ex-  
istence of an anti-cholesterolemic factor which develops in response to  
cholesterol administration. On the basis of the observations, this factor  
develops as part of the general mesenchyme reaction and must have a  
heparin-like effect. Orig. art. has: 1 figure and 2 tables. [JPRS: 36 599]  
SUB CODE: 06 / SUBM DATE: 19Jun65 / ORIG REF: 005 / OTH REF: 030

Card 1/1

0917

-08-19

## Biochemistry

HUNGARY

LUSZTIG, Gabor, JOZSA, Laszlo; Bacs-Kiskun Megye Hospital, Institute of Pathological Anatomy and Pathophysiology (Bacs-Kiskun Megyei Korhaz, Korbonctani es Korszovettani Intezet), Kecskemet.

"Study of the Anticholesteremic Factor in Experimental Cholesterol Sclerosis."

Budapest, Kiserletes Orvostudomany, Vol XIX, No 1, Jan 67, pages 34-39.

Abstract: [Authors' Hungarian summary] On the basis of earlier investigations, the possibility is raised that a lipolytic compound may appear in the blood following a brief period of cholesterol feeding. To elucidate the problem, the serum of cholesterol-treated and non-treated rabbits was administered to healthy and cholesterol-fed rabbits. It was found that the cholesterol level of healthy rabbits decreased by an average of 56.4 per cent in response to the administration of serum (4 days, 1.5 ml, i.p.) from rabbits treated with cholesterol over a 14 day period. When the serum treatment was given to cholesterol-fed rabbits, the decrease was 40.6 per cent. An average of 11.4 per cent change, in the cholesterol level, was registered when the serum of healthy rabbits was used. On the basis of the experiments, it seems to be confirmed that a so-called cholesterol-level-decreasing compound is formed in the course of cholesterol feeding. Further investigations are needed to elucidate the detailed properties of this compound. 4 Hungarian, 24 Western references. [Manuscript received 11 Feb 66.]

SZABADKA, Odon; JOZSEF, Gabor; KOMLOSI, Judit; SOOKI-TOI, G.

Role of adsorbents in gas chromatographic separation. Veszprem vegyipr. egy kozl 5 no.1:53-62'61

1. Veszpremi Vegyipari Egyetem Fizikai-kemia Tanszek.

ACCESSION NR: AP4016464

H/0011/64/000/001/0011/0016

AUTHOR: Pal, Reti (Doctor, Candidate of technical sciences, Titular docent);  
Jozsef, Kalman (Technician); Gabor, Barna (Technician)

TITLE: Experiments in detecting incipient cracking from fatigue with  
supersound during operation

SOURCE: Gep, no. 1, 1964, 11-16

TOPIC TAGS: detection of cracking, fatigue, supersound, rate of spread,  
life of machine part, rate-time diagram, creep phenomena, repeated loading

ABSTRACT: Since Wohler discovered material fatigue more than a century ago,  
nobody has worked out a reliable procedure for discovering cracking at its  
very start, tracing its spread and determining the mathematical relationship  
between the rate of spread and the life of the machine parts. The object of  
the author's experiments was to use the facilities afforded by supersonic  
material testing to work out, first on a laboratory scale and later on actual  
machinery, a procedure for studying and tracing by supersound the fatigue

Card 1/3

ACCESSION NR: AP4016464

phenomena resulting from repeated loading. The paper presents a method developed on steel samples in the Material-Testing Section of the Csepel Iron and Metal Works. As a result, suitable sample forms and equipment were evolved. Analysis of the mechanism of the phenomena and the rate-time diagram appears to confirm the findings of B. Cina and other researchers that material fatigue belongs to the class of creep phenomena. The size of the fault or the extent of the danger of breakage can be concluded from the growth in the fault echo produced by fatigue cracking. The procedure can be extended to other kinds of repeated loading, e.g. bending, rotary folding. It will apparently be possible to apply the method to finished machinery as well.  
Orig. art. has: 3 diagrams, 3 graphs, 5 photos, 2 tables, and 5 formulas.

Card 2/3

ACCESSION NR: AP4016464

ASSOCIATION: Csepel Vas- es Fémüvek, Anyagvizsgálo Osztály, Budapest (Csepel  
Iron and Metal Works, Metal-Testing Section)

SUBMITTED: 00

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 3/3

JOZSEF, M.

YOZHEF, MIKHAY [Yozsef, Mikhaly]

New dismountable soil auger. Pochvovedenie no.8:100-101  
(MIRA 12:11)

Ag '59.

State Agricultural Institute  
1. Gosudarstvennyy sel'skokhozyaystvennyy institut, Budapest.  
(Boring) (Soils--Analysis)

JOZSEF, Farkas, az irodalomtudomany kandidatusa

"Zsigmond Moricz's way to the revolutionaries" by Mihaly Czine.  
Reviewed by Farkas Jozsef. Magy tud 69 no.6/7:460-461 Jo-Jl  
'62.

1. Magyar Tudomanyos Akademia Irodalomtorteneti Intezete  
tudomanyos munkatarsa.

S/081/62/000/023/018/120  
B156/B186

AUTHORS: Szabadka, Ö., József, G., Komlósi, Judit, Sóki-Tóth, G.

TITLE: The part played by adsorbents in separating gases by the gas chromatography method

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 110, abstract 23B867 (Veszprémi vegyipari egyet. közl., v. 5, no. 1, 1961, 53 - 62 [Hung.; summaries in Ger., Eng., and Russ.])

TEXT: Aluminosilicate when used as a solid carrying agent has different specific surface areas S (286 - 75 m<sup>2</sup>/g), as determined from the CHCl<sub>3</sub> adsorption isotherms, according to the sintering temperature (800 - 900°C). The relationship of the retained volumes of C<sub>3</sub> and C<sub>4</sub> hydrocarbons (propane, propylene, n- and isobutane and butylene) to S and to the fixed phase content (dimethylformamide, dibutylphthalate, and silicone and paraffin oils) has been studied. If the relationship of the logarithm of the specific retention volume to the content of the fixed phase is plotted graphically, it is found that, except in the case of paraffin oil, the curve consists

Card 1/2

S/081/62/000/023/018/120

B156/B186

The part played by adsorbents...

of two straight lines intersecting at an obtuse angle. The point where the direction changes corresponds to the formation of a monomolecular layer. In the case of paraffin oil there is no point of change in direction, because of its non-polar nature. As S changes, so do the slopes of the lines and the position of the point of change in direction. [Abstracter's note: Complete translation.]

Card 2/2

COUNTRY : HUNGARY  
CATEGORY : Chemical Technology. Chemical Products and Their  
Application. Safety and Sanitation.  
H  
ABS. JOUR. : RZhKhim., No 17, 1959, No. 61322  
AUTHOR : Fodor, J.; Jozsef, T.; Varga, K.  
INSTITUTE : -  
TITLE : Experience in the Decantamination at a Factory  
Employing Radioactive Dyes  
ORIG. PUB. : Energia es Atomtechn., 1958, 11, No 6, 341-344  
  
ABSTRACT : Described is the decantamination of working  
quarters and instruments at a factory employing  
radioactive dyes as a coating of apparatus gradu-  
ated scales. -- A. Yermakova

Card: 1/1

JOZSEF T.

105. Investigating the wear of rubber by means of a radioactive isotope. J. Vodar, T. Jozsef. Energia és Atomtechnika, Vol. 15, 1968, No. 0-24, pp. 612-613, 4 sign.

The isotope is introduced into the tread of a tyre which is then fitted onto a wheel of an automobile. The amount of isotope remaining in the tread subsequent to wear is measured from the change in radioactivity in order to establish the extent of wear. The measurement may be made without removing the tyre. For measuring wear a calibration curve must be plotted in each case because of the difficulties encountered in the calculation. The accuracy attained in laboratory tests is 0.01 mm.

4  
2 (J. J. May)

4 ER 1/1

Qn?  
39

*Jozsef, Tibor*

Distr: 4E2c(m)

1  
"Investigation of chromium alloying by X-ray fluorescence analysis. Jozsef Tibor, Lajos Szabo, Tibor Toth and Klara Mihaly. Ercsira ir. Atomkert, 13, 8774 Miskolc, Hungary

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619710011-5

11

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619710011-5"

Determination of the Rate of  
Crystallization in Steel by Means of  
Radioisotopes

B/008/60/013/012/007/008  
B009/B057

✓

only slightly affected by the scattered radiation. After the steel has filled the mold (by bottom casting), an isotope rod carrying 3 millicuries of Cr<sup>51</sup> in each of the two receptacles was pushed four times into the mold at intervals of 5 minutes. The cold ingot was cut in two along its longitudinal axis, and the surface was measured in a square grid (by squares of 9 cm<sup>2</sup>), and dose curves were drawn. Instead of the too delicate scintillation counter, Geiger-Müller tubes of the type EKCO EW.3H were used, which permit high-precision measurement of the soft β-radiation of Cr<sup>51</sup>. At a height of 90 cm of the ingot, isotope distribution was measured every 1.2 cm<sup>2</sup>, which gave a much finer isotope distribution, as shown by graphs, but also indicated steps due to the shockwise dosage of the isotope. The authors established that in ingots produced by bottom casting, the flow of steel into the mold was asymmetrical, the mold was heated locally, and crystallization was also asymmetrical. This was probably the cause of shrinkage cavities in ingots cast by this method. The study of the crystallization of steel ingots is very important because under improperly chosen conditions of

Card 2/3

Determination of the Rate of  
Crystallization in Steel by Means of  
Radioisotopes

H/008/60/013/012/007/008  
B009/B057

crystallization the ingot becomes a reject. There are 3 figures and 5  
references: 2 Soviet, 2 US, and 1 Hungarian.

ASSOCIATION: Csepel Vas- és Fémművek Radioizotóp Laboratóriuma (Csepel  
Iron and Non-ferrous Metal Works, Radicisotope Laboratory)

Card 3/3

JOZSEF T.

10  
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7. "Report on the Preparation of Radioisotopes for the Treatment of Patients with Cancer and Leukemia," by Dr. J. B. Burch, in "Radioisotopes in Medicine and Surgery," by Dr. J. B. Burch, p. 17-25.

8. "Report on the Preparation of Radioisotopes for the Treatment of Patients with Cancer and Leukemia," by Dr. J. B. Burch, in "Radioisotopes in Medicine and Surgery," by Dr. J. B. Burch, p. 17-25.

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11. "Report on the Preparation of Radioisotopes for the Treatment of Patients with Cancer and Leukemia," by Dr. J. B. Burch, in "Radioisotopes in Medicine and Surgery," by Dr. J. B. Burch, p. 17-25.

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FOLKL, Otto; JOZSEF, Tibor; VARGA, Karoly; JANOSI, Miklos

Rechecking casting technology of Pilger rolls by the autoradiographic method. Koh lap 96 no.3: Suppl: Ontode 14 no.3:63-65 Mr '63.

1. Csepeli Vas- es Fémüvek.

JOZWA J.

ALEKSANDROWICZ J., GRACZYSKA Z., GUTMANOWA I., KUKLAH., JOZWA J., MUGRA T. AND  
PACHONSKA J. Univ. in Cracow. Wplyw iperytu azotowego na ustepowanie porazen w.  
gruzliczym zapaleniu opon moszcowo-rdzeniowych leczonych streptomycina the influence  
of nitrogen mustard on the regression of paralysis in cerebrospinal meningitis  
treated with streptomycin. Tgy. Lek. 1949, 4/10 (1181-1182)

A decrease of paralysis in TB spondylitis, observed a few hours after the administration of nitrogen mustard, encouraged the authors to investigate its influence on other paralytic states especially in the course of TB. There regression of paralysis in 6 children treated in Clinic for Children's Diseases in Warsaw. This chemical compound was also found to cure paralysis of the peripheral nerves in meningitis of some week's standing but it does not prevent the development of paralysis. Nitrogen mustard was used intravenously in doses of 0.01 g. per kg. body weight daily, repeating doses every 24 hours from 2-3 times. The therapeutic results are perhaps due to the resorptive and anti-inflammatory action of the chemical, or to irritant action on the nervous tissue. The latter hypothesis is confirmed by observations of certain effects on paralysis of various origin (peripheral neuritis, radiculitis, crania nerve palsy, also in spastic constrictures is rheumatoid arthritis) and by some evidence of relief in cases with the clinical symptoms of optic nerve atrophy (observed in the optaholmigraphic clinical of Jagiel University). It may be that in the phenomena described there is a chain of reactions, one link of which is the specific action of the nervous system and through it, diminution of the clinical symptoms of inflammation.

Aleksandrowicz - Cracow

So: Neurology & Psychiatry Section VIII, Vol. 4, No. 1-6

JOZWIAK, A.

"Achievements and trends of development in light industry in Poland." p.387.  
(PRZEGLAD TECHNICZNY. Vol. 75, No. 11, Nov. 1954. Warsaw, Poland)

SO: Monthly List of East European Accessions. (EHAL). LC. Vol. 4, No. 4.  
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KUS, Stanislaw, dr ins.; JOZWIAK, B. [translator]

Prestressed concrete economy in the United States. Przegl  
budowl i bud mieszk 35 no.2:108-110 F '63.

JOZWIAK, J; MOSCICKI, W.

"A Multiple Shielding Counter." p. 201, (ACTA PHYSICA POLONICA, Vol. 11, no. 2, 1951, Warszawa, Poland)

SO: Monthly List of East European Accessions, LCC, Vol. 3, no. 5, May 1954/Uncl.

*J. Z. J. T.*

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**POL.**

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4500. A multi-anode field chamber. *Journal of the American  
W. Molotek. Letter in Acta phys. polon. B, No. 2,  
231-2 (1952).*

Briefly describes a form of counter, suitable for  
anti-coincidence work, in which shield and cathode  
electrode wires are mounted in the space between two  
coupled cyclinders (diam. 4.33 and 7.5 cm).

1. 2) CRAMIC

*ENR 5/20/60*

JOZWIAK, Jerzy; POPLAWSKI, Henryk

Criminal liability for labor accidents and the violation of provisions of the Statute on Industrial Safety and Hygiene. Praca zabezp spol 4 no.12:28-39 D '62.

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P/008/60/000/004/002/003  
A076/A026

9.6110

AUTHOR: Józwiak, Robert, Engineer

TITLE: Static-Pressure Measurement on Aircraft

PERIODICAL: Technika Lotnicza, 1960, No. 4, pp. 108-113

TEXT: The author describes a number of Pitot-static pressure tubes, the variation of static-pressure errors in relation to Mach numbers, and compares four static-pressure installations, i.e., fuselage tip, wing tip, vertical stabilizer and fuselage openings. He arrives at the following conclusions: 1) For supersonic aircraft the static-pressure tube mounted on fuselage tip will be generally the most convenient type. 2) If the aircraft reaches only sonic speeds, the static-pressure tube mounted on the wing tip will give better results. 3) For speeds below Mach 0.8, the static-pressure tube mounted on vertical stabilizer, or fuselage openings properly mounted and set, will give satisfactory results. There are 18 figures and 14 English references. ✓

ASSOCIATION: Instytut Lotnictwa (Institute of Aviation)

Card 1/1

P/008/62/000/010/001/002  
D265/D508

AUTHOR: Józwiak, Robert, Engineer

TITLE: Design of curved pipes

PERIODICAL: Technika lotnicza,<sup>17</sup> no. 10, 1962, 286-290

TEXT: The design study of the flow-through curved pipes given here takes into consideration the following parameters: the angle of bend, cross-sectional areas before and after the bend, Reynold's number, degree of roughness and the inside radius of the bend. The formation of eddies inside sharply curved pipes is analyzed and formulas are deduced for the optimum flow conditions through a 90° elbow for varying internal bend angles, and the variable area of flow considering also the flow through two adjoining elbows of different cross-sectional areas. In order to reduce the resistance of flow the insertion of guide vanes inside the curved pipe is studied giving the method of determining the number, the spacing and the shape of vane profiles for the optimum condition of flow through a 90° elbow. The optimum angle of inclination of

Card 1/2

Design of curved pipes

P/003/62/000/010/001/002  
D265/D308

these vanes is given invariably as  $\lambda = 48^\circ$ . There are 12 figures and 1 table.

ASSOCIATION: Instytut Lotnictwa (Aviation Institute)

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Card 2/2

JOZWIAK, Wladyslaw, mgr inz.

Electrification of the railway line Katowice-Kluczyki-Tychy Miasto.  
Przegl kolej elektrotech 13 no.2:48-49 F '61.

Country : POLAND H-28  
Category : Chemical Technology. Food Industry  
Abs. Jour : Ref Zhur-Khimiya No 14, 1959, No 51499  
Jozwiak, Z.  
Author : Jozwiak, Z.  
Institute :  
Title : Progress in the Refining of Fruits and  
Vegetables in the GDR.  
Orig Pub. : Przetwor. owoc.-warz. i koncentr., 1958, 2,  
No 3, 103-104  
Abstract : No abstract.

Card: 1/1

H-168

JOZWICKI, R.

Working out conditions for correct operation of the carder for plain and thin wool.  
Biuletyn Włok, p. 11. (PRZEMYSŁ WŁÓCIELNICTWY, Łódź, Vol. 7, no. 7/8, July/Aug. 1953.)

SO: Monthly List of East European Acquisitions, (EEAL), LG, Vol. 4, No. 1, Jan. 1955,  
Uncl.